MainActivity.java

package com.example.mediaplayer; import android.media.MediaPlayer; import android.os.Bundle;

import android.widget.Button;

import androidx.appcompat.app.AppCompatActivity; public class MainActivity extends AppCompatActivity {

MediaPlayer mediaPlayer;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

Button btnPlay = findViewById(R.id.*btnPlay*); Button btnPause = findViewById(R.id.*btnPause*); Button btnStop = findViewById(R.id.*btnStop*);

mediaPlayer = MediaPlayer.*create*(this, R.raw.*sample*); btnPlay.setOnClickListener(v -> {

if (!mediaPlayer.isPlaying()) {

mediaPlayer.start();

}

});

btnPause.setOnClickListener(v -> { if (mediaPlayer.isPlaying()) {

mediaPlayer.pause();

}

});

btnStop.setOnClickListener(v -> { if (mediaPlayer != null) {

mediaPlayer.stop(); mediaPlayer.release(); mediaPlayer = null;

// Re-initialize safely

mediaPlayer = MediaPlayer.*create*(MainActivity.this, R.raw.*sample*);

}

});

}

@Override

protected void onDestroy() { if (mediaPlayer != null) {

mediaPlayer.release(); mediaPlayer = null;

}

super.onDestroy();

}

}

<--activity\_main.xml-->

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="<http://schemas.android.com/apk/res/android>" android:orientation="vertical"

android:padding="20dp" android:gravity="center" android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<Button

android:id="@+id/btnPlay" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Play" />

<Button

android:id="@+id/btnPause" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Pause" android:layout\_marginTop="10dp"/>

<Button

android:id="@+id/btnStop" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Stop" android:layout\_marginTop="10dp"/>

</LinearLayout>

To ADD media file ,in res create raw as directory and place your mp3 file.

i.e **res/raw/media.mp3**